(11)

EP 0 959 531 A3

(12)

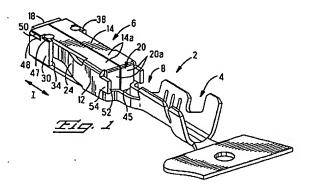
## **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3: 07.03.2001 Bulletin 2001/10

(51) Int. Cl. 7:

H01R 13/11, H01R 43/16

- (43) Date of publication A2: 24.11.1999 Bulletin 1999/47
- (21) Application number: 99109536.5
- (22) Date of filing: 12.05.1999
- (84) Designated Contracting States:
  AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU
  MC NL PT SE
  Designated Extension States:
  AL LT LV MK RO SI
- (30) Priority: 18.05.1998 EP 98401196
- (71) Applicant: THE WHITAKER CORPORATION Wilmington, Delaware 19808 (US)
- (72) Inventor: Quaranta, Frederic 93000 Bobigny (FR)
- (74) Representative:
  Heinz-Schäfer, Marion
  AMP International Enterprises Limited
  AMPèrestrasse 3
  9323 Steinach (SG) (CH)
- (54) Single piece electrical receptacle terminal
- (57) A single piece electrical receptacle terminal (2) comprises a contact section (6) in the form of a box having a front wall (18) and short mating end side wall portions (30) extending from the front wall (18). The side wall portions (30) assist in providing a robust box and protect the contact area, yet require little material and generate little scrap.



59 531 A3

<u>Ш</u>



## **EUROPEAN SEARCH REPORT**

**Application Number** 

EP 99 10 9536

	DOCUMENTS CONSID	ERED TO BE RELEVANT		
Category	Citation of document with la of relevant pass	ndication, where appropriate, ages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
D,Y	US 4 148 547 A (OTS 10 April 1979 (1979		1,9	H01R13/11 H01R43/16
A	* column 3, line 33 figures 1-7 *	- column 5, line 55;	2	
Y	FR 2 054 846 A (FER 7 May 1971 (1971-05 * page 2, line 10 -		1,9	
A	DE 196 12 630 A (YA 2 October 1996 (199 * column 5, line 6 figures 1-4 *		1,4,5,10	
A	EP 0 727 842 A (WHI 21 August 1996 (199 * column 3, line 16 figures 1-7 *		1,3,8	
D,A	FR 2 751 793 A (WHI 30 January 1998 (19		1,7	TECHNICAL FIELDS SEARCHED (Int.Ci.6)
	· page of Time 17			H01R
	·	•		
		· · · · · · · · · · · · · · · · · · ·		
	The present search report has			
	Place of search	Date of completion of the search		Examiner
	THE HAGUE	11 January 2001	Тар	peiner, R
THE HAGUE  CATEGORY OF CITED DOCUMENTS  X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category A: technological background O: non-written disclosure P: intermediate document  T: theory or principle underlying the invention E: earlier patent document, but published on, or after the filling date D: document cited in the application L: document cited for other reasons  T: theory or principle underlying the invention E: earlier patent document, but published on, or after the filling date D: document cited in the application L: document cited for other reasons  T: theory or principle underlying the invention E: earlier patent document, but published on, or after the filling date O: document cited in the application L: document cited for other reasons  T: theory or principle underlying the invention E: earlier patent document, but published on, or after the filling date O: document cited in the application C: member of the same patent family, corresponding document				

EPO FORM 1503 03.82 (P04C01)

EP 99 10 9536

This annex lists the patent family members relating to the patent documents cited in the above—mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

11-01-2001

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 4148547	Α	10-04-1979	CA	1062791 A	18-09-1979
FR 2054846	Α	07-05-1971	DE	2036990 A	11-02-1971
DE 19612630	Α	02-10-1996	JP JP US	3014944 B 7320807 A 5833500 A	28-02-2000 08-12-1995 10-11-1998
EP 0727842	A	21-08-1996	FR JP US	2730864 A 8250173 A 5607328 A	23-08-1996 27-09-1996 04-03-1997
FR 2751793	Α	30-01-1998	NONE		

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82